

Maryland bald eagle nest success and productivity, 1977-2003

Year	Nest Success ^a (%)				Productivity ^a			Young/ Successful	Young/ Successful	Young/ Successful
	Occupied Nests	Active Nests	Successful Nests	Successful/ Young Occupied	Successful/ Active	Young/ Occupied	Young/ Active			
1977	41		39	27	45	65.9	69.2	1.10	1.15	1.67
1978	47		44	26	37	55.3	59.1	0.79	0.84	1.42
1979	51		49	24	38	47.1	49.0	0.74	0.78	1.58
1980	53		48	25	35	47.2	52.1	0.66	0.73	1.40
1981	53		50	30	51	56.6	60.0	0.96	1.02	1.70
1982	58		56	35	55	60.3	62.5	0.95	0.98	1.57
1983	59		55	40	59	67.8	72.7	1.00	1.07	1.48
1984	60		55	40	70	66.7	72.7	1.17	1.27	1.75
1985	62		59	41	77	66.1	69.5	1.24	1.31	1.88
1986	66		65	55	102	83.3	84.6	1.55	1.57	1.85
1987	86		84	68	121	79.1	80.9	1.41	1.44	1.78
1988	97		95	77	135	79.4	81.0	1.39	1.42	1.75
1989	97		94	72	117	74.2	76.6	1.21	1.24	1.61
1990	123		115	92	164	74.8	80.0	1.33	1.43	1.78
1991	128		123	92	169	71.9	74.8	1.32	1.37	1.88
1992	152		146	112	185	73.7	76.7	1.22	1.27	1.65
1993	154		147	101	168	65.6	68.7	1.09	1.14	1.66
1994	157		148	109	192	70.3	73.6	1.23	1.31	1.76
1995	182		171	139	265	76.4	81.3	1.46	1.55	1.91
1996	201		191	144 ^b	265	74.6	78.7	1.37	1.45	1.84
1997	219		202	150 ^c	282	71.4	77.7	1.34	1.46	1.88
1998	232		215	162 ^d	295	71.7	77.5	1.31	1.41	1.82
1999	260		247	200 ^d	370	78.7	82.9	1.46	1.53	1.85
2000	269		255	208 ^e	395	78.5	82.9	1.49	1.57	1.90
2001	315		297	233 ^b	432	75.9	80.6	1.41	1.49	1.85
2002	321		293	-	-	68.9 ^f	78.5 ^f	1.25 ^f	1.43 ^f	1.82 ^f
2003	338		304	-	-	72.3 ^f	77.9 ^f	1.09 ^f	1.17 ^f	1.51 ^f

^a based on nests with known outcomes

- ^b final outcome of eight nests not determined and not included in total
- ^c final outcome of nine nests not determined and not included in total
- ^d final outcome of six nests not determined and not included in total
- ^e final outcome of four nests not determined and not included in total
- ^f as determined from nesting results (n=90) within selected watersheds

Maryland 2003 bald eagle nesting summary

County	Occupied Nests	Active Nests	Nests Surveyed	
Anne Arundel		6	5	10
Baltimore		3	3	6
Calvert		3 ^a	3	9
Caroline		6	4	9
Carroll		0	0	1
Cecil		19	18	25
Charles		47 ^b	42	74
Dorchester		74	72	125
Frederick		2	1	3
Harford		33	28	43
Howard		2	2	2
Kent		28	22	53
Montgomery		2	2	3
Prince George's		9 ^c	8	9
Queen Anne's		19	18	27
St. Mary's		22	18	28
Somerset		15	14	24
Talbot		20	17	31
Wicomico		14	14	22
Worcester		13	13	14
Washington		1	0	2
TOTAL		338	304	520

^a did not survey one nest

^b did not survey two nests

^c did not survey four nests

Bald eagle nest success and productivity within select watersheds sampled in Maryland during the 2003 nesting season.

Watershed	Occupied Nests	Active Nests	Successful Nests	Nest Nests	Young	Success ^a	Productivity ^b
Chester River		21	18	13 ^c	20	72.2	1.11
Choptank River		25	22	15	22	60.0	0.88
Mid Potomac River		40	38	23 ^d	35	71.9	1.09
Patuxent River		10	10	6 ^e	9	75.0	1.13
Upper Bay (APG)		29	29	24	36	82.7	1.24

^a reported as number of successful nests per occupied nest with known outcome

^b reported as number of young produced per occupied nest with known outcome

^c final outcome of three nests not determined and not included in total

^d final outcome of eight nests not determined and not included in total

^e final outcome of two nests not determined and not included in total